## PART B - FEE(S) TRANSMITTAL

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

[CN]SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, NW SUITE 800 WASHINGTON, DC 20037



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

APPLICATION NO. FILIT		FILING	IG DATE FIRST		ST NAMED IN	NAMED INVENTOR		ATTORNEY DOCKET		T NO. CONFIRMATION		IRMATION N	О.
10/669,729 Septemb		Septembe	er 25, 2003		Yung-lyul LEE			Q77575			6415		
TITLE OF INVENTIO PROGRAM THEREFO		AL ADAP	TIVE FILTE	RING MET	HOD, SIGNAL	ADAP	TIVE FILTE	ER AND COMP	PUTER READ	ABLE	E MEDIU	IM FOR STOR	ING
APPLN. TYPE		ALL	ISSUE FEE		PUBLICAT FEE	ION	PREV. PAID ISSUE FEE		TOTAL FEE(S) DUE		S)	DATE DUE	
nonprovisional	N	NO \$1510		10	\$300			0	\$1810		1/27/2009		
EXAMINER			ART UNIT		CLASS-	SUBCLASS							
Gims S. Philippe				2621		375-	240160						
1. Change of correspon	dence add	ress or indi	cation of "Fee	Address" (	37 CFR 1.363	2. For	printing on	the patent front	page list	1	Sughru	e Mion, PLLC	
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.													
□ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) ATTACHED. Use of a Customer Number is required.													
•					names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be								
3. ASSIGNEE NAME	AND RES	SIDENCE	DATA TO B	E PRINTEI	ON THE PAT	printe ENT (p							
PLEASE NOTE: Unle	ss an assig	gnee is ide	ntified below,	no assigne	e data will appe	ar on th	e patent. If	an assignee is id	dentified below	w, the	docume	nt has been filed	d for
recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)													
SAMSUNG ELECTRONICS CO., LTD. Suwon-Si, Republic of Korea													
Please check the appro	priate assi	gnee categ	ory or categor	ies (will no	t be printed on t	he pater	nt): □ Indivi	dual ☑ Corpora	tion or other p	rivate	group ei	ntity 🗆 Governa	ment
4a. The following fee(s	s) are subn	nitted:	· ·-···		4b. Paymer	nt of Fe	e(s): (Please	first reapply a	ny previously	paid	issue fee	shown above)	)
- 11					k is enclosed.								
Publication Fee (No small entity discount permitted)  Payment by credit card. Form 1310-2038 is attached							attached.						
☐ Advance Order - # of Copies ☐ The Di					irector is hereby authorized to charge the required fee(s), any deficiency, or credit any nent, to Deposit Account Number 19-4880.								
☑ The USPTO is directed and authorized to charge all required fees to Deposit Accountable 19-4880. Please also credit any overpayments to said Deposit Account.							eposit Account	No.					
5. Change in Entity Sta	atus (from	status indi	cated above)			-							
a. Applicant claims	SMALL E	ENTITY sta	atus. See 37 C	FR 1.27.	🗆 b. Appli	cant is r	no longer cla	iming SMALL	ENTITY statu	ıs. Sec	37 CFR	1.27(g)(2).	
The Director of the US	PTO is rec	quested to a	pply the Issue	Fee and P	ublication Fee (i	f any) o	r to re-apply	any previously	paid issue fee	to the	applicati	on identified ab	ove.
NOTE: The Issue Fee a							her than the	applicant; a reg	istered attorne	y or a	gent; or t	he assignee or o	other
Authorized Signature			5/2	N	/	Date			Octo	ber 28	3, 2008		
Typed or Printed Name	e	\$	Seok-won Stu	art Lee	Lee		Registration No.		61,124				
Modified PTOL-85 (R	ev 08/08	Annoved	for use through	h 08/31/201	In			18/29/2006	JAVVOE 0	<del>50506</del>	19 194	380 106697	29
ounca i rot-os (R		i sppiovad i	or use timoug	00/31/20				01 FC:1501 02 FC:1504	1519.	.00 D	)A		

## PART B - FEE(S) TRANSMITTAL

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

[CN]SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, NW SUITE 800 WASHINGTON, DC 20037



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

APPLICATION N	O. FILING	FILING DATE FI		ST NAMED INVENTOR		OCKET NO.	CONFIRMATION NO.			
10/669,729 September		er 25, 2003	Yung-lyul LF	E	Q775	75	6415			
TITLE OF INVENTIO		TIVE FILTERING ME	THOD, SIGNAL	ADAPT	IVE FILTER AND COMPU	ITER READABL	E MEDIUM FOR STORING			
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICAT FEE	ION	PREV. PAID ISSUE FEE	TOTAL FEE( DUE	(S) DATE DUE			
nonprovisional	NO	NO \$1510			0	\$1810	1/27/2009			
	EXAMINER		ART UNIT CLA		CLASS-SUBCLASS					
	2621		375-240160							
1. Change of correspon	idence address or ind	ication of "Fee Address	"(37 CFR 1.363	2. For p	printing on the patent front p	age list 1	Sughrue Mion, PLLC			
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.										
☐ "Fee Address" indi 03-02 or more recent)	cation (or "Fee Add ATTACHED. Use o	ress" Indication form F of a Customer Number i	TO/SB/47; Rev is required.	(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be						
				printed		ame will be				
3. ASSIGNEE NAME	AND RESIDENCE	DATA TO BE PRINT	ED ON THE PAT	ENT (pr	int or type)					
PLEASE NOTE: Unle recordation as set forth	n in 37 CFR 3.11. Co	mpletion of this form is	s NOT a substitute	for filing	e patent. If an assignee is id g an assignment.	entified below, th	e document has been filed for			
(A) NAME OF ASSIC		DENCE: (CITY and S'								
SAMSUNG ELECTR	ONICS CO., LTD.	Suwon-Si	, Republic of Kor	ea						
Please check the appro	opriate assignee cates	gory or categories (will	not be printed on	the paten	t): ☐ Individual ☑ Corporat	ion or other priva	te group entity   Government			
4a. The following fee(s) are submitted:				4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)						
☑ Issue Fee				☐ A check is enclosed.						
Publication Fee (No	o small entity discou	nt permitted)		☐ Payment by credit card. Form 1310-2038 is attached.						
☐ Advance Order - #	of Copies		overpaym	$\square$ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number $\underline{19-4880}$ .						
			☑ The US 19-4880	SPTO is of Please als	directed and authorized to o so credit any overpayments	harge all required to said Deposit A	d fees to Deposit Account No.			
5. Change in Entity St	atus (from status ind	icated above)								
a. Applicant claims	SMALL ENTITY s	tatus. See 37 CFR 1.27			o longer claiming SMALL					
The Director of the US	SPTO is requested to	apply the Issue Fee and	Publication Fee (	if any) or	to re-apply any previously	paid issue fee to th	ne application identified above.			
NOTE: The Issue Fee party in interest as sho	and Publication Fee own by the records o	(if required) will not be f the United States Pate	e accepted from a nt and Trademark	nyone oth Office.	ner than the applicant; a regi	stered attorney or	agent; or the assignee or other			
Authorized Signature	Authorized Signature			Date			October 28, 2008			
Typed or Printed Nan	ed or Printed Name Seok-won Stuart Lee				ration No.	61,124	61,124			

Modified PTOL-85 (Rev. 08/08 Approved for use through 08/31/2010.